

WHAT IS CLAIMED IS:

1 1. A calibration device for a two dimensional (2D) image display module
2 having a box with a top opening, a lens received in the box and a backboard sandwiched
3 between a bottom face defining the top opening of the box and the lens, the calibration
4 device comprising:

5 a securing member adapted to secure the lens to the bottom face defining the top
6 opening of the box and having extensions extending out from the bottom face defining
7 the top opening of the box;

8 multiple first elongated holes adapted to be defined in opposite sides of the
9 backboard to correspond to the extensions;

10 multiple second elongated holes adapted to be defined in opposite sides of the
11 lens to align with the first elongated holes of the backboard such that the extensions
12 extending through the corresponding first elongated holes of the backboard are able to
13 extend through the second elongated holes of the lens;

14 a riveting device adapted to a first corner of the lens to allow the lens to be
15 pivotal relative to the box; and

16 a cam adapted to be rotatably mounted on the bottom face defining the top
17 opening of the box and extending out of a cam hole in a second corner of the lens
18 opposite to the first corner such that pivotal movement of the cam is able to force the
19 backboard to move linearly and thus relative position between the lens and the
20 backboard is adjusted.

21 2. The calibration device as claimed in claim 1, wherein each first elongated
22 hole has a dimension smaller than that of each of the second elongated holes so that the
23 pivotal movement of the cam is able to pivot the lens, which results in that the

1 backboard is forced to move linearly.

2 3. The calibration device as claimed in claim 2, wherein the riveting device is a

3 rivet extending through the lens and into the box to allow the lens to pivot with respect

4 to the box.